

### **HOW DOES IT WORK?**

In the spring, snowmelt floods West Brush Creek. Some of that water is diverted into the Sheer Bliss reservoir. 800 vertical feet from here. The water then runs through a 4,000 foot underground pipe to this building, reaching a pressure of 323 pounds per square inch.

The high-pressure water spins a turbine that drives an electrical generator. The water empties into the adjacent pond before channeling under Fanny Hill back into the creek. Renewable energy flows from this building into the electricity grid, to be used by people like you.









The hydro plant generates most of its power from May through August during spring runoff. Because running water, not coal, is used to create this electricity, there is no associated pollution. The power plant creates between 200,000 and 300,000 kilowatt-hours of electricity annually. A coal-fired power plant generating the same amount of electricity would emit half a million pounds of carbon dioxide, the primary cause of global warming, as well as other pollutants that cause smog and acid rain. Unlike dams, which drastically change the waterways in which they are installed, micro hydro systems only divert a small amount of water, resulting in limited impact to





# HOLY CROSS ENERGY

THANKS TO THE MANY ENTITIES THAT MADE THIS PROJECT POSSIBLE THROUGH FINANCIAL SUPPORT!

### CANYON INDUSTRIES

# GOVERNOR'S OFFICE OF ENERGY MANAGEMENT AND CONSERVATION











